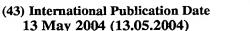
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENTIAN TO THE PATENT

(19) World Intellectual Property Organization

International Bureau





PCT



(10) International Publication Number WO 2004/040606 A3

(51) International Patent Classification⁷: H G06F 3/033

H03K 17/96,

(21) International Application Number:

PCT/GB2003/004709

(22) International Filing Date: 31 October 2003 (31.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0225315.1

31 October 2002 (31.10.2002) GI

0225316.9

31 October 2002 (31.10.2002) GB

(71) Applicant (for all designated States except US): HM
TECHNOLOGY INTERNATIONAL LIMITED
[GB/GB]; Unit 18, Wadsworth Business Centre, 21
Wadsworth Road, Perivale, Middlesex UB6 7JD (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MAMIGONIANS,

Hrand, Mami [GB/GB]; 123 Hamilton Road, London NW1 9EG (GB).

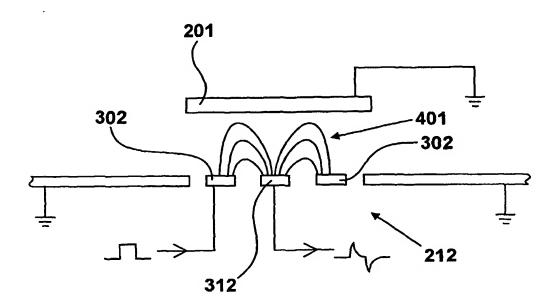
- (74) Agent: ATKINSON, Ralph; Atkinson Burrington, 27-29 President Buildings, President Way, Sheffield S4 7UR (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: MACHANICALLY OPERABLE ELECTRICAL DEVICE



(57) Abstract: Mechanically Operable Electrical Device A mechanically operable electrical device (102), comprising a transmitter electrode (302), a receiver electrode (312) and a moveable conductive element (201). The device is configured such that the conductive element is moveable to a first position remote from said electrodes such that the transmitter electrode is capacitance coupled to said receiver electrode, and the conductive element is moveable to a second position closer to the electrodes such that the capacitance coupling is reduced.